In the Claims

Please amend the claims as follows:

1. (Currently amended) A method for formation of a radio frequency antenna of a predetermined pattern on a surface of a substrate comprising applying a metal layer to a surface area of ~~said~~ the substrate, applying an etchant ~~in an inverse pattern~~ to ~~said~~ the predetermined pattern to ~~said~~ the metal layer and thereafter removing a portion of ~~said~~ the metal layer comprising all metal within ~~said~~ the surface area on ~~said~~ the substrate other than metal in ~~said~~ the predetermined pattern comprising ~~said~~ the antenna.

2. (Currently amended) A method as in claim 1 wherein ~~said substrate comprises a plurality of surface areas and removal of a~~ the step of removing the portion of ~~said~~ the metal layer ~~comprises removal within each of surface areas, such that~~ results in the formation of a plurality of antennas ~~is formed with each antenna of plurality being disposed within an individual surface area~~.

3. (Currently amended) A method as in claim 2 further comprising subdividing ~~said~~ the substrate into a plurality of segments, each segment having contained thereon a single antenna of the plurality of antennas.

4. (Currently amended) A method as in claim 2 wherein at least two antennas of ~~said~~ the plurality of antennas are of different shapes.

5. (Currently amended) A method as in claim 2 wherein at least two antennas of ~~said~~ the plurality of antennas are of different metal thicknesses or densities.

6. (Currently amended) A method as in claim 1 herein ~~said~~ the antenna comprises at least two portions, one of ~~said~~ the portions having a density of metal different from another of ~~said~~ the portions.

7. (Currently amended) A method as in claim 1 wherein ~~said~~ the substrate comprises a web material.

8. (Currently amended) A method as in claim 7 wherein ~~said~~ the web material is selected from the group consisting of film and paper.

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Currently amended) A method as in claim 1 wherein metal is placed on both sides of ~~said~~ the substrate.

15. (Currently amended) A method as in claim 14 wherein antennas are formed by demetallization on both sides of ~~said~~ the substrate.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Currently amended) A method for formation of a radio frequency antenna of a predetermined pattern on a surface of a substrate comprising

applying a metal layer to a surface area of the substrate,

applying an etchant in an inverse pattern to the predetermined pattern to the metal layer and

thereafter removing a portion of the metal layer comprising all metal within the surface area on the substrate other than metal in the predetermined pattern comprising the antenna,

~~A method as in claim 1~~ further comprising a demetallized web containing ~~said~~ the antenna to a cold foil stamping process whereby ~~said~~ the antenna is transferred to a second web through a marrying zone registration.

23. (Currently amended) A method as in claim 22 further comprising having registration indicia placed on ~~said~~ the substrate and ~~said~~ the second web and passing ~~said~~ the substrate containing ~~said~~ the demetallized antenna and ~~said~~ the second web through a marrying zone in registration.

24. (Currently amended) A method as in claim 23 wherein ~~said~~ the registration is accomplished by adjusting linear speed of either of ~~said~~ the substrate or ~~said~~ the second web relative to the other.

25. (Currently amended) A method as in claim 24 wherein adjustment of ~~said~~ the linear speed is controlled by a microprocessor.

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Previously presented) A method as in claim 15 wherein antennas on each side of the substrate are of different shapes.

32. (Previously presented) A method as in claim 15 wherein antennas on each side of the substrate are of different metal thicknesses or densities.

33. (Previously presented) A method as in claim 15 wherein antennas on each side of the substrate are of a single shape.

34. (Previously presented) A method as in claim 15 wherein antennas on each side of the substrate are of a single metal thickness or density.